

## INTERNATIONAL SEARCH REPORT

PCT/IB2004/050885

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	"IEEE Std 802.11b-1999; Supplement to IEEE Standard 802.11, 1999 Edition: Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Higher-Speed Physical Layer Extension in the 2.4 GHz Band; PAGES 12-20" 20 January 2000 (2000-01-20), , XP002300719 chapters 18.2.1 and 18.2.2 ----- -/--	1-19

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \* & \* document member of the same patent family

Date of the actual completion of the international search

14 October 2004

Date of mailing of the international search report

11/11/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SYDOR JOHN: "A Proposal for a 5.2/5.8 GHz License-Exempt (LE) WirelessHUMAN Network Standard Based on Modified IEEE 802.11a PHY and IEEE 802.16.1 MAC standards" 'Online! 15 January 2001 (2001-01-15), , XP002300720 Retrieved from the Internet: URL: <a href="http://www.ieee802.org/16/tg4/contrib/802164c-01_15.pdf">http://www.ieee802.org/16/tg4/contrib/802164c-01_15.pdf</a> > chapter 2.5	1-19
A	----- US 6 438 123 B1 (CHAPMAN JOHN T) 20 August 2002 (2002-08-20) column 4, line 7 - line 44 figures 2,3	1-19
P,A	----- YANG XIAO: "Concatenation and piggyback mechanisms for the IEEE 802.11 MAC" 21 March 2004 (2004-03-21), , PAGE(S) 1642-1647 , XP010708040 page 1643, right-hand column, line 1 - page 1644, left-hand column, last line	3,4,8, 13,14,17

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Form PCT/ISA/210 (patent family annex) (January 2004)